

Title (en)
ELECTRIC GENERATOR WITH A ROTATIONAL RESISTANCE AVOIDANCE FEATURE

Title (de)
ELEKTRISCHER GENERATOR MIT FUNKTION ZUR VERMEIDUNG VON DREHWIDERSTAND

Title (fr)
GÉNÉRATEUR ÉLECTRIQUE À CARACTÉRISTIQUE D'ÉVITEMENT DE RÉSISTANCE ROTATIVE

Publication
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Abstract (en)
[origin: WO2017086886A2] The electric generator with the rotational resistance avoidance feature in the present invention comprises a rotating set of magnet parts interposed between at least two rotating sets of conductor coil parts, which are respectively installed on opposite sides of the rotating set of magnet parts. The diameters of the rotating sets of conductor coil parts are configured to be larger than the diameter of the rotating set of magnet parts. The rotational speed of the conductor coil parts and the magnet parts are therefore different, which causes the induction of the electromotive force within the conductor coils by way of variation of the magnetic field. When the mechanical power input is applied only on the rotating set of magnet parts and the electromotive force induced in the conductor coil, which has been connected to a load, is applied to a load; the electrical current will induce the conductor coil itself to generate magnetic polarities which are similar to the original magnetic polarities of the permanent magnet. The sets of conductor coils are pushed by the said pushing force to be continuously rotated in a clockwise direction (freely rotated without being driven by the mechanical power input). The rotating set of magnets in the middle is also continuously rotated by the mechanical power input. With this configuration, the rotational resistance can be avoided. Therefore, the additional mechanical power input is not necessary (rather, only a partial increase is required), and the electrical power can be generated by converting the magnetic energy stored in permanent magnets, to be supplied to the load greater than the mechanical power input.

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